ERRATUM

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Page 72, the first paragraph *should read*

Although an alteration in phase relationship between respiratory and pH cycles can effect breathing, in the absence of alterations in mean pH and P_{a,CO_2} (Cross *et al.* 1979), there was no evidence that this operated in the present studies. dpH/d$t\downarrow$max is a potential humoral signal in exercise and could account completely for the shortening of t_e(Fig. 6). It is unlikely that it is the complete humoral signal for there is a late rise in $\dot{V}_I$, due to an increase in V_T, which appears to be independent of dpH/d$t\downarrow$max (Fig. 5). Nevertheless dpH/d$t\downarrow$max is related to $\dot{V}_{CO_2}$ (Fig. 3) and could be a link between CO_2 production and ventilation in exercise. The link between dpH/d$t\downarrow$max and $\dot{V}_{CO_2}$ has also been demonstrated in the absence of exercise (Cross *et al.* 1981).